

**In the Claims:**

Please amend the claims as follows:

1. (Currently Amended) A ~~computer implemented~~ method in an electronic document distribution system for routing broadcasting packets from a sending router to a receiving router comprising:

stripping a payload from a broadcasting packet at the receiving router, wherein said broadcasting packets have identical payloads and different headers;

~~means for temporarily storing a broadcasting~~ the stripped payload of ~~a the~~ broadcasting packet inside a local to the receiving broadcasting router;

~~means for temporarily stripping the broadcasting payload from the broadcasting packet at the receiving router;~~

~~means for transmitting a header~~ information for each of a plurality of the broadcasting packets from the sending router to the receiving router; ~~wherein said packets have different headers and identical payloads; and~~

~~means for attaching the broadcasting payload stored in~~ local to the receiving router to ~~the~~ each header information arriving at the receiving router separately from the broadcasting payload.

2. (Currently Amended) The ~~system method~~ of claim 1 further comprising ~~means in the document distribution system for reducing the broadcasting payload of the broadcasting packet to a coded header~~ information.

3. (Currently Amended) The ~~system method~~ of claim 2 further comprising:

~~means for receiving the header of the broadcasting packet and patching the broadcasting payload that corresponds to the header from storage; and~~

~~means for relaying the broadcasting payload to a destination router according to its address.~~

4. (Currently Amended) The method ~~system~~ of claim 3 wherein said document distribution system is an electronic mail distribution system associated with electronic mail sources.

5. (Currently Amended) The ~~communication network method~~ of claim 3 wherein:

said communication network is a distributed network;

said broadcasting payloads are digitized packets; and

said network distribution system is a network server system.

6. (Currently Amended) ~~In a communication network with user access via a plurality of data processor-controlled interactive display terminals~~ A system for sending and receiving broadcasting packets; a method of distributing transmitted electronic documents routing broadcasting packets from a sending router to a receiving router comprising:

a manager to strip a payload from a broadcasting packet at a receiving router, wherein all broadcasting packets have identical payloads and different headers;

temporarily said manager to storing a broadcasting store said payload inside local to the receiving broadcasting router;

stripping the broadcasting payload temporarily from a broadcasting packet;

a sending router to transmit transmitting headers header information for each of a plurality of the broadcasting packets ~~from the sending router~~ to the receiving router; wherein said packets have different headers and identical payloads; and

said manager to attach attaching the broadcasting payload stored in local to the receiving router to the each header information arriving at the receiving router separately from the broadcasting payload.

7. (Currently Amended) The ~~method of distributing electronic documents~~ system of claim 6 further including the step of reducing the broadcasting payload of the broadcasting packet to a header of the broadcasting packet.

8. (Currently Amended) The ~~method of distributing electronic documents~~ system of claim 7 further comprising:

receiving the header of the broadcasting packet and patching the broadcasting payload that corresponds to the header from storage; and

relaying the broadcasting payload to a destination router according to its address to form the full broadcasting packet.

9. (Currently Amended) The ~~method of distributing electronic documents~~ system of claim 8 wherein said document distribution system is an electronic mail distribution system associated with electronic mail sources.

10. (Currently Amended) The ~~method of distributing electronic documents~~ system of claim 8 wherein:

said communication network is a distributed network; said broadcasting payloads are digitized packets; and

said network distribution system is a network server system.

11. (Currently Amended) ~~An article comprising~~ ☆ a computer readable ~~storage medium including computer readable instructions, said instructions~~ storing a computer program which when executed performs the implementation for distributing electronic documents in a communication network with user access via a plurality of data processor-controlled interactive display terminals for sending and receiving broadcasting packets, said program for routing broadcasting packets from a sending router to a receiving router comprising:

means for stripping a payload from a broadcasting packet at a receiving router, wherein all broadcasting packets have identical payloads and different headers;

means for ~~temporarily~~ storing ~~a broadcasting~~ the payload inside local to the receiving broadcasting router;

means for temporarily stripping the broadcasting payload from a broadcasting packet;

means for transmitting headers for each ~~of a plurality of~~ the broadcasting packets from ~~the~~ a sending router to the receiving router; ~~wherein said packets have different headers and identical payloads; and~~

means for attaching the broadcasting payload stored ~~in~~ local to the receiving router to ~~the~~ each header arriving at the receiving router separately from the broadcasting payload.

12. (Currently Amended) The ~~article computer readable medium~~ of claim 11 further comprising means in the document distribution system for reducing the broadcasting payload of the broadcasting packet to a header of the broadcasting packet.

13. (Currently Amended) The article ~~computer readable medium~~ of claim 12 further comprising:  
means for receiving the header and patching the broadcasting payload that corresponds to the header from storage; and

means for relaying the broadcasting payload to a destination router according to its address to form the full broadcasting packet.

14. (Currently Amended) The article ~~computer readable medium~~ of claim 13 wherein said document distribution system is an electronic mail distribution system associated with electronic mail sources.

15. (Currently Amended) The article ~~computer readable medium~~ of claim 13 wherein:  
said communication network is a distributed network; said broadcasting payloads are digitized packets; and  
said network distribution system is a network server system.